Demo Near-RT RIC – release "H"

Starting point: Ubuntu 20.04

Prepare kubernetes, helm and base charts

Deploy near-RT RIC

- https://wiki.o-ran-sc.org/pages/viewpage.action?pageId=1179659 -> Introduction and guides -> Generally the latest instructions

Compile and connect O-RAN E2 (e2-node) simulator from O-RAN SC simulator project

- https://gerrit.o-ran-sc.org/r/admin/repos/sim/e2-interface
- https://wiki.o-ran-sc.org/display/SIM/E2+Simulator#E2Simulator-Buildingdockerimageandrunningsimulatorinstance

Connect Nokia E2 (e2-node) simulator

Deploy dms_cli (for deploying xApps)

Compile, onboard and install hw-go xapp from O-RAN SC xApp project

- https://gerrit.o-ran-sc.org/r/admin/repos/ric-app/hw-go
- Show subscriptions created by the xApp

Demo, this slide and commands used available here:

- https://wiki.o-ran-sc.org/display/RICP/2023-06-20+Release+H

NOKIA